

Amendments to the Claims

1. (withdrawn) A method for applying an element to a body, comprising: detecting the position of a device for preparing and/or producing a connection between said body and said element relative to the position of said body; and preparing and/or producing a connection between said element and said body.

2. (withdrawn) The method as set forth in claim 1, wherein the three-dimensional structure of said body is mapped.

3. (withdrawn) The method as set forth in claim 1, wherein a data model of said body is generated.

4. (withdrawn) The method as set forth in claim 1, wherein an implant may be selected as a data model from a plurality of data models.

5. (withdrawn) The method as set forth in claim 1, wherein said implant is virtually positioned relative to said body.

6. (withdrawn) The method as set forth in claim 1, wherein a desired position of said element to be applied is determined from the position of said implant.

7. (withdrawn) The method as set forth in claim 1, wherein the position of connecting points between body and element is determined from the position of said element.

8. (withdrawn) The method as set forth in claim 1, wherein aligning said body and/or calibrating said device for preparing and/or producing a connection is implemented.

9. (withdrawn) The method as set forth in claim 1, wherein a connection is prepared or produced at determined connecting points.

10. (withdrawn) A computer program product which can be loaded directly into the internal memory of a digital computer, and comprises software code sections with which one or more steps of said method as described above can be implemented when said product is run on a computer.

11. (withdrawn) A computer program product stored on a computer-compatible medium and comprising a computer-readable program product, prompting a computer to implement one or more of the steps in said method described above.

12. (currently amended) A system for applying an element to a living body, comprising:

FL a) a device for physically altering a part of the living body to prepare ~~preparing~~ and/or producing a connection between said element and said living body; and

EH b) a position detection device (i) for detecting a position of said device for physically altering a part of the living body to prepare ~~preparing~~ and/or producing a connection between said element and said living body, and (ii) for detecting a position of said living body.

13. (original) The system as set forth in claim 12, wherein said device for preparing and/or producing a connection between said body and said element is a drill, a saw, a surface- working device, a screwing device or a nailing device.

14. (previously presented) The system as set forth in claim 12, wherein said position detection device detects optical, acoustical and/or radio signals.

15. (previously presented) The system as set forth in claim 12, wherein one or more markers are applied to said element and/or said body.

16. (previously presented) The system as set forth in claim 12, wherein a processor is provided for preparing or implementing one or more of the steps in a

method comprising: detecting the position of a device for preparing and/or producing a connection between said body and said element relative to the position of said body.

17. (previously presented) The system as set forth in claim 12, wherein a display device is provided, connected to said processor.

18. (previously presented) The system as set forth in claim 12, wherein an input device is provided, connected to said processor.

19. (previously presented) The system as set forth in claim 12, wherein a data recording device is provided for recording data during the operation of said system.

20. (previously presented) A system for applying an element to a body, comprising:

- a) a device for preparing and/or producing a connection between said element and said body;
- b) a position detection device for detecting the position of said device for preparing and/or producing a connection between said element and said body, and for detecting the position of said body; and
- c) means for applying the element to the prepared or produced connection, wherein applying the element to the prepared or produced connection aligns the element to the body without detecting a position of the element itself.